

MARWARI COLLEGE RANCHI

Subject : C Programming

Full Marks : 30

Paper : II

Time : 1Hr.

MCA SEMESTER 1

Mid semester examination 2017

1. Write the correct answer: 2 x 5 = 10
 - a. C is a Programming language.
 - b. The statement takes us to the beginning of a loop.
 - c. Is the increment operator.
 - d. The maximum integer that an int data type can store is.....
 - e. The size of the character array must be larger than the number of characters in the string.
2. Answer any **TWO** questions. 5 x 2 = 10
 - a. Explain Operators in C language.
 - b. Differentiate between Call by value and Call by reference. Explain giving programming example.
 - c. Differentiate between while – do and for statement? Explain giving example.
 - d. What is recursive function? Explain giving programming example.
3. Answer any **ONE** question. 10 x 1 = 10
 - a. Write a program in C to enter a line of text and count the number of vowels, consonants, digits, special characters and whitespace characters.
 - b. Write a program in C to print the Fibonacci series between 50 and 100 using recursion.